



RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/651,584B
Source: IFWJO
Date Processed by STIC: 5/7/04

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 703-308-4212; FAX: 703-308-4221

Effective 12/13/03: TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.1 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkr41note.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry directly to (EFFECTIVE 12/01/03):
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office, Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

Revised 10/08/03

Raw Sequence Listing Error Summary

ERROR DETECTED	SUGGESTED CORRECTION	SERIAL NUMBER: <u>10/651,584B</u>
ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE		
1 <input type="checkbox"/> Wrapped Nucleics <input type="checkbox"/> Wrapped Aminos	The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will prevent "wrapping."	
2 <input checked="" type="checkbox"/> Invalid Line Length	The rules require that a line not exceed 72 characters in length. This includes white spaces.	
3 <input checked="" type="checkbox"/> Misaligned Amino <input type="checkbox"/> Numbering	The numbering under each 5 th amino acid is misaligned. Do not use tab codes between numbers; use space characters , instead.	
4 <input checked="" type="checkbox"/> Non-ASCII	The submitted file was not saved in ASCII(DOS) text, as required by the Sequence Rules. Please ensure your subsequent submission is saved in ASCII text.	
5 <input type="checkbox"/> Variable Length	Sequence(s) <input type="checkbox"/> contain n's or Xaa's representing more than one residue. Per Sequence Rules, each n or Xaa can only represent a single residue. Please present the maximum number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.	
6 <input type="checkbox"/> PatentIn 2.0 <input type="checkbox"/> "bug"	A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s) <input type="checkbox"/> . Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.	
7 <input type="checkbox"/> Skipped Sequences (OLD RULES)	Sequence(s) <input type="checkbox"/> missing. If intentional, please insert the following lines for each skipped sequence: (2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown) (i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading) (xi) SEQUENCE DESCRIPTION: SEQ ID NO:X: (insert SEQ ID NO where "X" is shown) This sequence is intentionally skipped Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to include the skipped sequences.	
8 <input type="checkbox"/> Skipped Sequences (NEW RULES)	Sequence(s) <input type="checkbox"/> missing. If intentional , please insert the following lines for each skipped sequence. <210> sequence id number <400> sequence id number 000	
9 <input type="checkbox"/> Use of n's or Xaa's (NEW RULES)	Use of n's and/or Xaa's have been detected in the Sequence Listing. Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present. In <220> to <223> section, please explain location of n or Xaa , and which residue n or Xaa represents.	
10 <input type="checkbox"/> Invalid <213> Response	Per 1.823 of Sequence Rules, the only valid <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is required when <213> response is Unknown or is Artificial Sequence	
11 <input type="checkbox"/> Use of <220>	Sequence(s) <input type="checkbox"/> missing the <220> "Feature" and associated numeric identifiers and responses. Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section. (See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules)	
12 <input type="checkbox"/> PatentIn 2.0 <input type="checkbox"/> "bug"	Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.	
13 <input type="checkbox"/> Misuse of n/Xaa	"n" can only represent a single <u>nucleotide</u> ; "Xaa" can only represent a single <u>amino acid</u>	



IF

RAW SEQUENCE LISTING

DATE: 05/07/2004

PATENT APPLICATION: US/10/651,584B

TIME: 13:43:38

Input Set : A:\pto.da.txt

Output Set: N:\CRF4\05072004\J651584B.raw

*error throughout**IMPORTANT: see item 4
on Error
summary
sheet*

1 <110> APPLICANT: Lauermann, Vit
 3 <120> TITLE OF INVENTION: Targeted release
 -> 5 <130> FILE REFERENCE:
 -> 7 <140> CURRENT APPLICATION NUMBER: US/10/651,584B
 9 <141> CURRENT FILING DATE: 2003-08-30
 11 <160> NUMBER OF SEQ ID NOS: 111

RORED SEQUENCES

15 <210> SEQ ID NO: 1
 17 <211> LENGTH: 7
 19 <212> TYPE: PRT
 21 <213> ORGANISM: Unknown
 23 <220> FEATURE:
 25 <223> OTHER INFORMATION: mammalian, peptide specifically cleavable by a reagent produced by
 26 target cell
 29 <400> SEQUENCE: 1
 31 Ser Met Ser Ile Ala Arg Leu
 -> 32 1 5 *misaligned amino acid numbers (see item 3 on Error summary sheet)*
 34 <210> SEQ ID NO: 2
 36 <211> LENGTH: 13
 38 <212> TYPE: PRT
 40 <213> ORGANISM: Unknown
 42 <220> FEATURE:
 44 <223> OTHER INFORMATION: mammalian, peptide specifically cleavable by a reagent produced by
 45 target cell
 49 <400> SEQUENCE: 2
 51 Ser Lys Gly Ser Phe Ser Ile Gln Tyr Thr Tyr His Val
 -> 52 1 5 10 *same error*
 54 <210> SEQ ID NO: 3
 56 <211> LENGTH: 13
 58 <212> TYPE: PRT
 60 <213> ORGANISM: Unknown
 62 <220> FEATURE:
 64 <223> OTHER INFORMATION: mammalian, peptide specifically cleavable by a reagent produced by
 65 target cell
 69 <400> SEQUENCE: 3
 71 His Leu Gly Gly Ser Gln Gln Leu Leu His Asn Lys Gln
 -> 72 1 5 10 *same*
 74 <210> SEQ ID NO: 4
 76 <211> LENGTH: 14
 78 <212> TYPE: PRT

RAW SEQUENCE LISTING

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Input Set : A:\pto.da.txt

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80 <213> ORGANISM: Unknown
82 <220> FEATURE: *same*
84 <223> OTHER INFORMATION: mammalian, peptide specifically cleavable by a reagent produced by
85 target cell
89 <400> SEQUENCE: 4
91 Ser Lys Gly Lys Gly Thr Ser Ser Gln Tyr Ser Asn Thr Glu
-> 92 1 5 10 *same*
95 <210> SEQ ID NO: 5
97 <211> LENGTH: 8
99 <212> TYPE: PRT
101 <213> ORGANISM: Unknown *same*
103 <220> FEATURE:
105 <223> OTHER INFORMATION: mammalian, peptide specifically cleavable by a reagent produced by
106 target cell
110 <400> SEQUENCE: 5
112 Asp Arg Val Tyr Ile His Pro Phe *same*
-> 113 1 5
117 <210> SEQ ID NO: 6
119 <211> LENGTH: 12
121 <212> TYPE: PRT
123 <213> ORGANISM: Unknown *same*
125 <220> FEATURE:
127 <223> OTHER INFORMATION: mammalian, peptide specifically cleavable by a reagent produced by
128 target cell
132 <400> SEQUENCE: 6
134 Val Val Cys Gly Glu Arg Gly Phe Phe Tyr Thr Pro
-> 135 1 5 10 *same*
139 <210> SEQ ID NO: 7
141 <211> LENGTH: 7
143 <212> TYPE: PRT
145 <213> ORGANISM: Unknown *same*
147 <220> FEATURE:
149 <223> OTHER INFORMATION: mammalian, peptide specifically cleavable by a reagent produced by
150 target cell
154 <400> SEQUENCE: 7
156 Phe Phe Tyr Thr Pro Lys Ala
-> 157 1 5 *same*
161 <210> SEQ ID NO: 8
163 <211> LENGTH: 9
165 <212> TYPE: PRT
167 <213> ORGANISM: Unknown *same*
169 <220> FEATURE:
171 <223> OTHER INFORMATION: mammalian, peptide specifically cleavable by a reagent produced by
172 target cell
176 <400> SEQUENCE: 8
178 Lys Arg Arg Pro Val Lys Val Tyr Pro
-> 179 1 5 *same*
183 <210> SEQ ID NO: 9
185 <211> LENGTH: 12

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Input Set : A:\pto.da.txt

Output Set: N:\CRF4\05072004\J651584B.raw

187 <212> TYPE: PRT

189 <213> ORGANISM: Unknown

191 <220> FEATURE:

193 <223> OTHER INFORMATION: mammalian, peptide specifically cleavable by a reagent produced by

194 target cell

198 <400> SEQUENCE: 9

200 Pro Val Gly Lys Lys Arg Arg Pro Val Lys Val Tyr

-> 201 1 5

10 *same*

205 <210> SEQ ID NO: 10

207 <211> LENGTH: 12

209 <212> TYPE: PRT

211 <213> ORGANISM: Unknown

213 <220> FEATURE:

215 <223> OTHER INFORMATION: mammalian, peptide specifically cleavable by a reagent produced by

216 target cell

220 <400> SEQUENCE: 10

222 Lys Pro Val Gly Lys Lys Arg Arg Pro Val Lys Val

-> 223 1 5

10 *same*

228 <210> SEQ ID NO: 11

230 <211> LENGTH: 12

232 <212> TYPE: PRT

234 <213> ORGANISM: Unknown

236 <220> FEATURE:

238 <223> OTHER INFORMATION: mammalian, peptide specifically cleavable by a reagent produced by

239 target cell

243 <400> SEQUENCE: 11

245 Gly Lys Pro Val Gly Lys Lys Arg Arg Pro Val Lys

-> 246 1 5

10 *same*

251 <210> SEQ ID NO: 12

253 <211> LENGTH: 13

255 <212> TYPE: PRT

257 <213> ORGANISM: Unknown

259 <220> FEATURE:

261 <223> OTHER INFORMATION: mammalian, peptide specifically cleavable by a reagent produced by

262 target cell

266 <400> SEQUENCE: 12

268 Thr Phe Ala Gly Asn Ala Val Arg Arg Ser Val Gly Gln

-> 269 1 5

10 *same*

274 <210> SEQ ID NO: 13

276 <211> LENGTH: 6

278 <212> TYPE: PRT

280 <213> ORGANISM: Unknown

282 <220> FEATURE:

284 <223> OTHER INFORMATION: mammalian, peptide specifically cleavable by a reagent produced by

285 target cell

289 <400> SEQUENCE: 13

291 Pro Leu Gly Leu Trp Ala

-> 292 1 5

same

296 <210> SEQ ID NO: 14

RAW SEQUENCE LISTING

DATE: 05/07/2004

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TIME: 13:43:38

Input Set : A:\pto.da.txt

Output Set: N:\CRF4\05072004\J651584B.raw

298 <211> LENGTH: 5
300 <212> TYPE: PRT
302 <213> ORGANISM: Unknown
304 <220> FEATURE:
306 <223> OTHER INFORMATION: mammalian, peptide specifically cleavable by a reagent produced by
target cell
311 <400> SEQUENCE: 14
313 Pro Leu Phe Tyr Ser
-> 314 1 5 *same*
318 <210> SEQ ID NO: 15
320 <211> LENGTH: 5
322 <212> TYPE: PRT
324 <213> ORGANISM: Unknown
326 <220> FEATURE:
328 <223> OTHER INFORMATION: mammalian, peptide specifically cleavable by a reagent produced by
target cell
329 target cell
333 <400> SEQUENCE: 15
335 Pro Arg Thr Leu Thr
-> 336 1 5 *same*
339 <210> SEQ ID NO: 16
341 <211> LENGTH: 5
343 <212> TYPE: PRT
345 <213> ORGANISM: Unknown
347 <220> FEATURE:
349 <223> OTHER INFORMATION: mammalian, peptide specifically cleavable by a reagent produced by
target cell
350 target cell
354 <400> SEQUENCE: 16
356 Pro Leu Arg Leu Ser
-> 357 1 5 *same*
360 <210> SEQ ID NO: 17
362 <211> LENGTH: 6
364 <212> TYPE: PRT
366 <213> ORGANISM: Unknown
368 <220> FEATURE:
370 <223> OTHER INFORMATION: mammalian, peptide specifically cleavable by a reagent produced by
target cell
371 target cell
375 <400> SEQUENCE: 17
377 His Ser Ser Lys Leu Gln
-> 378 1 5 *same*
381 <210> SEQ ID NO: 18
383 <211> LENGTH: 6
385 <212> TYPE: PRT
387 <213> ORGANISM: Unknown
389 <220> FEATURE:
391 <223> OTHER INFORMATION: mammalian, peptide specifically cleavable by a reagent produced by
target cell
392 target cell
396 <400> SEQUENCE: 18
398 Ser Gln Tyr Ser Asp Thr

-> 399 1

5

RAW SEQUENCE LISTING

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TIME: 13:43:38

Input Set : A:\pto.da.txt

Output Set: N:\CRF4\05072004\J651584B.raw

401 <210> SEQ ID NO: 19
 403 <211> LENGTH: 7
 405 <212> TYPE: PRT
 407 <213> ORGANISM: Unknown
 409 <220> FEATURE:
 411 <223> OTHER INFORMATION: mammalian, peptide specifically cleavable by a reagent produced by

412 target cell

416 <400> SEQUENCE: 19

418 Gln Phe Tyr Ser Ser Asn Lys

-> 419 1 5

422 <210> SEQ ID NO: 20

424 <211> LENGTH: 12

426 <212> TYPE: PRT

428 <213> ORGANISM: Unknown

430 <220> FEATURE:

432 <223> OTHER INFORMATION: mammalian, peptide specifically cleavable by a reagent produced by

433 target cell

437 <400> SEQUENCE: 20

439 Val Ser Gln Asn Tyr Pro Ile Val Glu Asn Phe Asn

-> 440 1 5

1073 <210> SEQ ID NO: 51

1075 <211> LENGTH: 12

1077 <212> TYPE: PRT

1079 <213> ORGANISM: Unknown

1081 <220> FEATURE:

1083 <223> OTHER INFORMATION: mammalian, peptide specifically cleavable by a reagent produced by

1084 target cell

1088 <400> SEQUENCE: 51

1090 Asp Val Asp Glu Arg Asp Val Arg Gly Phe Ala Ser Phe Leu

-> 1091 1 5

1220 <210> SEQ ID NO: 58

1222 <211> LENGTH: 31

1224 <212> TYPE: PRT

1226 <213> ORGANISM: Unknown

1228 <220> FEATURE:

1230 <223> OTHER INFORMATION: mammalian, peptide specifically cleavable by a reagent produced by

1231 target cell

1235 <400> SEQUENCE: 58

1237 His Gly Pro Glu Gly Leu Arg Val Gly Phe Tyr Glu Ser Asp Val Met Gly Arg Gly His

-> 1238 1 5

-> 1239 15 20

1241 Ala Arg Leu Val His Val Glu Glu Pro His Thr

-> 1242 21 25

1746 <210> SEQ ID NO: 83

1748 <211> LENGTH: 7

1750 <212> TYPE: PRT

1752 <213> ORGANISM: Unknown

1754 <220> FEATURE:

-> 1756 <221> NAME/KEY: Xaa

*same**same**same**same**14 shown below**same**same**same**insert a hard
return after 16th
amino
acid.**same**invalid. Per
sequence rules,
number the
amino acids under
every 5 amino
acids**Per
1.822 of
sequence
rules, a
MAXIMUM of 16
amino acids per line*

5/7.

RAW SEQUENCE LISTING

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Input Set : A:\pto.da.txt

Output Set: N:\CRF4\05072004\J651584B.raw

1758 <222> LOCATION: 7 *same*
1760 <223> OTHER INFORMATION: mammalian, peptide specifically cleavable by a reagent produced k
1761 target cell;
1762 Xaa = any amino acid
1764 <400> SEQUENCE: 83
-> 1766 Arg Pro Lys Pro Leu Ala Xaa
-> 1767 1 5 *same*
1770 <210> SEQ ID NO: 84
1772 <211> LENGTH: 8
1774 <212> TYPE: PRT
1776 <213> ORGANISM: Unknown
1778 <220> FEATURE:
-> 1780 <221> NAME/KEY: Xaa
1782 <222> LOCATION: 8 *same*
1784 <223> OTHER INFORMATION: mammalian, peptide specifically cleavable by a reagent produced k
1785 target cell;
1786 Xaa = any amino acid
1789 <400> SEQUENCE: 84
-> 1791 Ser Arg Pro Lys Pro Leu Ala Xaa
-> 1792 1 5 *same*
1795 <210> SEQ ID NO: 85
1797 <211> LENGTH: 9
1799 <212> TYPE: PRT
1801 <213> ORGANISM: Unknown
1803 <220> FEATURE:
-> 1805 <221> NAME/KEY: Xaa
1807 <222> LOCATION: 9 *same*
1809 <223> OTHER INFORMATION: mammalian, peptide specifically cleavable by a reagent produced k
1810 target cell;
1811 Xaa = any amino acid
1814 <400> SEQUENCE: 85
-> 1816 Ser Ser Arg Pro Lys Pro Leu Ala Xaa
-> 1817 1 5 *same*
1820 <210> SEQ ID NO: 86
1822 <211> LENGTH: 7
1824 <212> TYPE: PRT
1826 <213> ORGANISM: Unknown
1828 <220> FEATURE:
-> 1830 <221> NAME/KEY: Xaa
1832 <222> LOCATION: 2, 4, 7 *same*
1834 <223> OTHER INFORMATION: mammalian, peptide specifically cleavable by a reagent produced k
1835 target cell;
1836 Xaa = any amino acid
1839 <400> SEQUENCE: 86
-> 1841 Pro Xaa Gly Xaa His Ala Xaa
-> 1842 1 5 *same*
1846 <210> SEQ ID NO: 87
1848 <211> LENGTH: 7
1850 <212> TYPE: PRT

RAW SEQUENCE LISTING

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TIME: 13:43:38

Input Set : A:\pto.da.txt

Output Set: N:\CRF4\05072004\J651584B.raw

1852 <213> ORGANISM: Unknown

1854 <220> FEATURE:

-> 1856 <221> NAME/KEY: Xaa

1858 <222> LOCATION: 5

1860 <223> OTHER INFORMATION: mammalian, peptide specifically cleavable by a reagent produced k

1861 target cell;

1862 Xaa = any amino acid

1865 <400> SEQUENCE: 87

-> 1867 Pro Leu Gly Leu Xaa Ala Arg

-> 1868 1 5 *same*

2037 <210> SEQ ID NO: 96

2039 <211> LENGTH: 19

2041 <212> TYPE: PRT

2043 <213> ORGANISM: Unknown

2045 <220> FEATURE:

-> 2047 <221> NAME/KEY: Xaa

2049 <222> LOCATION: 12

2051 <223> OTHER INFORMATION: mammalian, peptide specifically cleavable by a reagent produced k

2052 target cell;

2053 Xaa = any amino acid

2056 <400> SEQUENCE: 96

-> 2058 Gly Glu Asn Gly Val Gln Lys Asp Val Ser Gln Xaa Ser Ile Tyr Ser Gln Thr Glu

-> 2059 1 5 10 *same*

-> 2060 15

2063 <210> SEQ ID NO: 97

2065 <211> LENGTH: 15

2067 <212> TYPE: PRT

2069 <213> ORGANISM: Unknown

2071 <220> FEATURE:

2073 <223> OTHER INFORMATION: mammalian, peptide specifically cleavable by a reagent produced k

2074 target cell

2077 <400> SEQUENCE: 97

2079 Gly Lys Gly Ile Ser Ser Gln Tyr Ser Asn Thr Glu Glu Arg Leu

-> 2080 1 5 10 *same*

-> 2081 15

2324 <210> SEQ ID NO: 110

2326 <211> LENGTH: 46

2328 <212> TYPE: PRT

2330 <213> ORGANISM: Artificial Sequence

2332 <220> FEATURE:

2334 <223> OTHER INFORMATION: Peptide dimer linked by polyglycine serine linker containing PSA
2335 cleavage site specifically cleavable by PSA *16 amino acids per line*

2338 <400> SEQUENCE: 110

2340 Gly Asp Ser Phe Thr His Thr Pro Pro Leu Asp Pro Gln Phe Tyr Ser Ser Asn Lys Gly

-> 2341 1 5 10 *same*

-> 2342 15 20

2344 Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly Asp Ser Phe Thr His

-> 2345 21 25 30

-> 2346 35 40 *same**Invalid. Number under every 5 amino acids.*

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Input Set : A:\pto.da.txt

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2348 Thr Pro Pro Leu Asp Pro

-> 2349 41

45

same

2352 <210> SEQ ID NO: 111

2354 <211> LENGTH: 50

2356 <212> TYPE: PRT

2358 <213> ORGANISM: Artificial Sequence

2360 <220> FEATURE:

*same*2362 <223> OTHER INFORMATION: Peptide dimer linked by polyglycine serine linker containing PSA
2363 cleavage site specifically cleavable by PSA

2366 <400> SEQUENCE: 111

2368 Gly Tyr Lys Asp Pro Pro Phe Cys Val Ala Pro Leu Asp Pro Gln Phe Tyr Ser Ser Asn

-> 2369 1

5

10

-> 2370 15

20

same

2372 Lys Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly Tyr Lys Asp

-> 2373 21

25

30

-> 2374 35

40

2376 Pro Pro Phe Cys Val Ala Pro Leu Asp Pro

-> 2377 41

45

50

IMPORTANT:The types of errors shown exist throughout
the Sequence Listing. Please check all
sequences for similar errors.FYI Use of n and/or Xaa has been detected in the Sequence Listing.
Review the Sequence Listing to insure a corresponding
explanation is presented in the <220> to <223> fields of
each sequence using n or Xaa.

RAW SEQUENCE LISTING ERROR SUMMARY
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Input Set : A:\pto.da.txt

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valid Line Length:

Rules require that a line not exceed 72 characters in length. This includes spaces.

l#:58; Line(s) 1238
l#:96; Line(s) 2059
l#:97; Line(s) 2080
l#:110; Line(s) 2340,2341,2345
l#:111; Line(s) 2368,2369,2372,2373

VERIFICATION SUMMARY

DATE: 05/07/2004

PATENT APPLICATION: US/10/651,584B

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Input Set : A:\pto.da.txt

Output Set: N:\CRF4\05072004\J651584B.raw

5 M:201 W: Mandatory field data missing, <130> FILE REFERENCE
7 M:270 C: Current Application Number differs, Replaced Current Application Number
32 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:1
52 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:2
72 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:3
92 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:4
113 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:5
135 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:6
157 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:7
179 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:8
201 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:9
223 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:10
246 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:11
269 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:12
292 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:13
314 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:14
336 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:15
357 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:16
378 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:17
399 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:18
419 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:19
440 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:20
461 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:21
482 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:22
503 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:23
524 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:24
545 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:25
566 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:26
587 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:27
608 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:28
629 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:29
650 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:30
671 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:31
692 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:32
713 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:33
734 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:34
755 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:35
777 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:36
798 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:37
818 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:38
839 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:39
860 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:40
881 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:41
902 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:42
923 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:43
944 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:44
965 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:45
986 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:46

VERIFICATION SUMMARY

DATE: 05/07/2004

PATENT APPLICATION: US/10/651,584B

TIME: 13:43:39

Input Set : A:\pto.da.txt

Output Set: N:\CRF4\05072004\J651584B.raw

1007 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:47
1028 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:48
1049 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:49
1070 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:50
1091 M:252 E: No. of Seq. differs, <211> LENGTH:Input:12 Found:14 SEQ:51
1756 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:83
1766 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:83 after pos.:0
1780 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:84
1791 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:84 after pos.:0
1805 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:85
1816 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:85 after pos.:0
1830 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:86
1841 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:86 after pos.:0
1856 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:87
1867 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:87 after pos.:0
1881 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:88
1892 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:88 after pos.:0
2047 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:96
2058 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:96 after pos.:0